

SWP Water Quality Summary

March 19 to 26, 2008

Total Dissolved Solids: TDS decreased at Banks Pumping Plant (BPP), but increased at Check 29, Check 41, Devil Canyon, Barker Slough and Vallecitos. Concentrations ranged from 267 mg/L to 418 mg/L (445 uS/cm to 677 uS/cm) and remained below the Article 19 Monthly Average Objective of 440 mg/L. The highest concentration of 418 mg/L (677 uS/cm) occurred at Check 29 while the lowest concentration of 274 mg/L (457 uS/cm) occurred at Devil Canyon on March 26, 2008. Concentrations decreased at BPP from 375 mg/L to 360 mg/L (625 uS/cm to 600 uS/cm), this week.

Bromide: Concentrations remain above the California Bay Delta Authority (CBDA) Objective of 0.05 mg/L project wide, ranging from 0.21 mg/L to 0.44 mg/L. As of March 26, Check 41 and Devil Canyon had the lowest concentration of 0.22 mg/L, followed by Vallecitos with 0.27 mg/L while the highest concentration of 0.44 mg/L occurred at Check 29. The concentration at BPP decreased slightly from 0.38 mg/L to 0.35 mg/L as of March 26, 2008.

Turbidity: Turbidity levels decreased at BPP from 10 NTU to 8 NTU, and from 12 NTU to 7 NTU at Vallecitos, but increased at Check 41 from 6 NTU to 10 NTU, from 0.6 NTU to 1 NTU at Devil Canyon and from 41 NTU to 45 NTU at Barker Slough. There is no data for Check 29 because work is in progress to fix the turbidity instrument that appears to be malfunctioning.

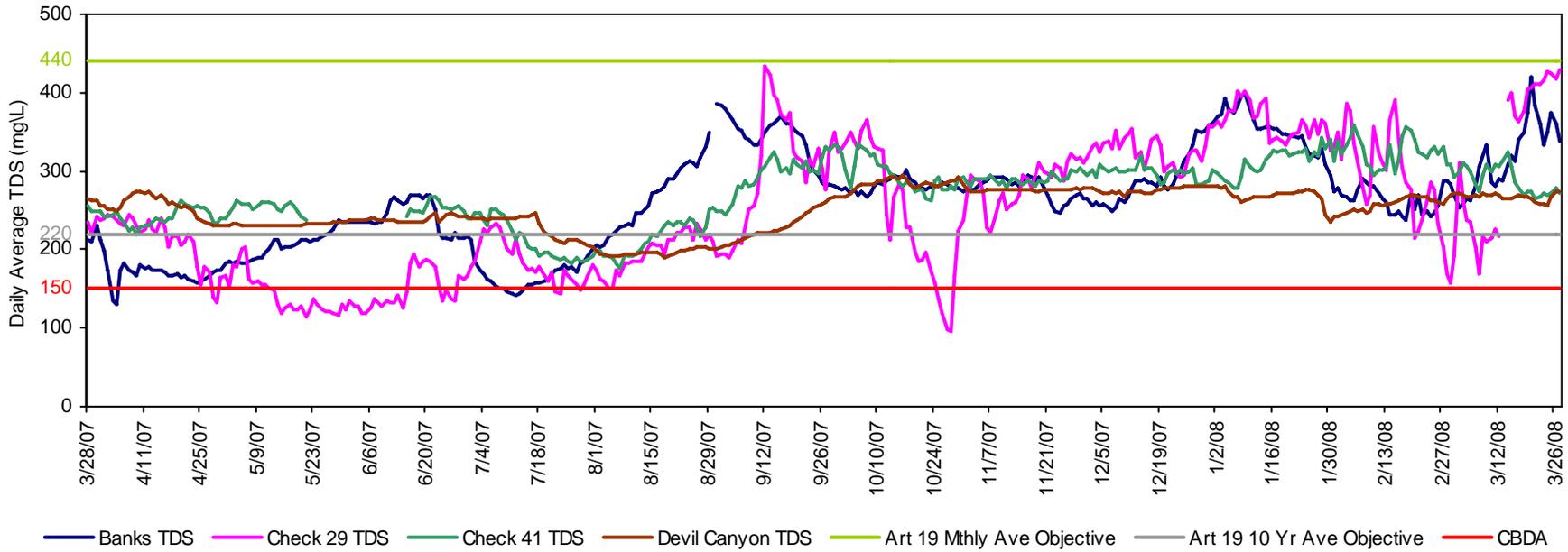
Dissolved Organic Carbon: Concentration decreased at BPP from 6.0 mg/L to 5.6 mg/L, and from 6.7 mg/L to 4.2 mg/L at Check 13, but increased from 3.9 mg/L to 4.6 mg/L at Edmonston, respectively, this week. However, concentrations at BPP and Check 13 continue to remain relatively high for this time of the year.

Taste and Odor Compounds: MIB and geosmin continue to be low project wide, ranging from non-detect to 8 ng/L at BPP, Del Valle Check 7, O'Neill Forebay Outlet, Check 41, Check 66 and Silverwood Lake, as of March 17 and 18, 2008.

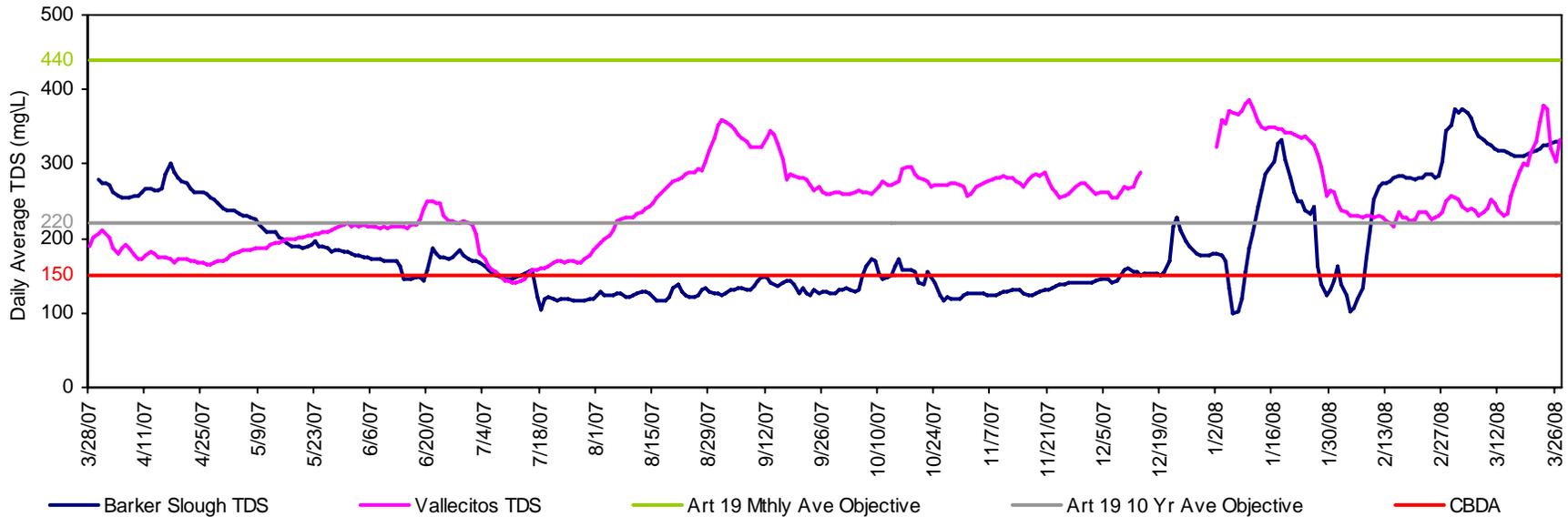
Note:

The intent of the weekly water quality (WQ) summary is to acquaint contractors, scientist and interested parties with the status of water quality in the State Water Project (SWP). Your comments, questions and suggestions are welcome and can be directed to Austine Eke @ 916-653-7227 or Cindy Garcia @ 916-653-7213. To view WQ data from any of the 15 automated stations along the SWP, visit: <http://www.womwq.water.ca.gov> and click the "Autostation Data" link on the left side navigation bar.

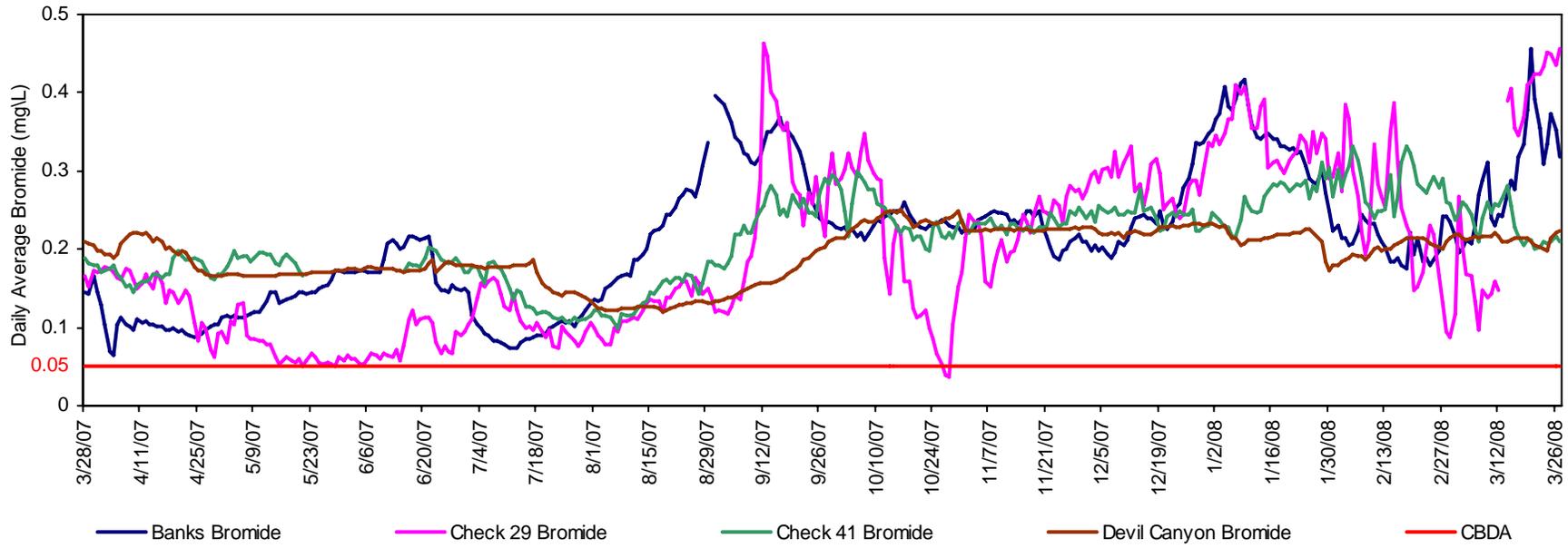
California Aqueduct - Calculated Total Dissolved Solids



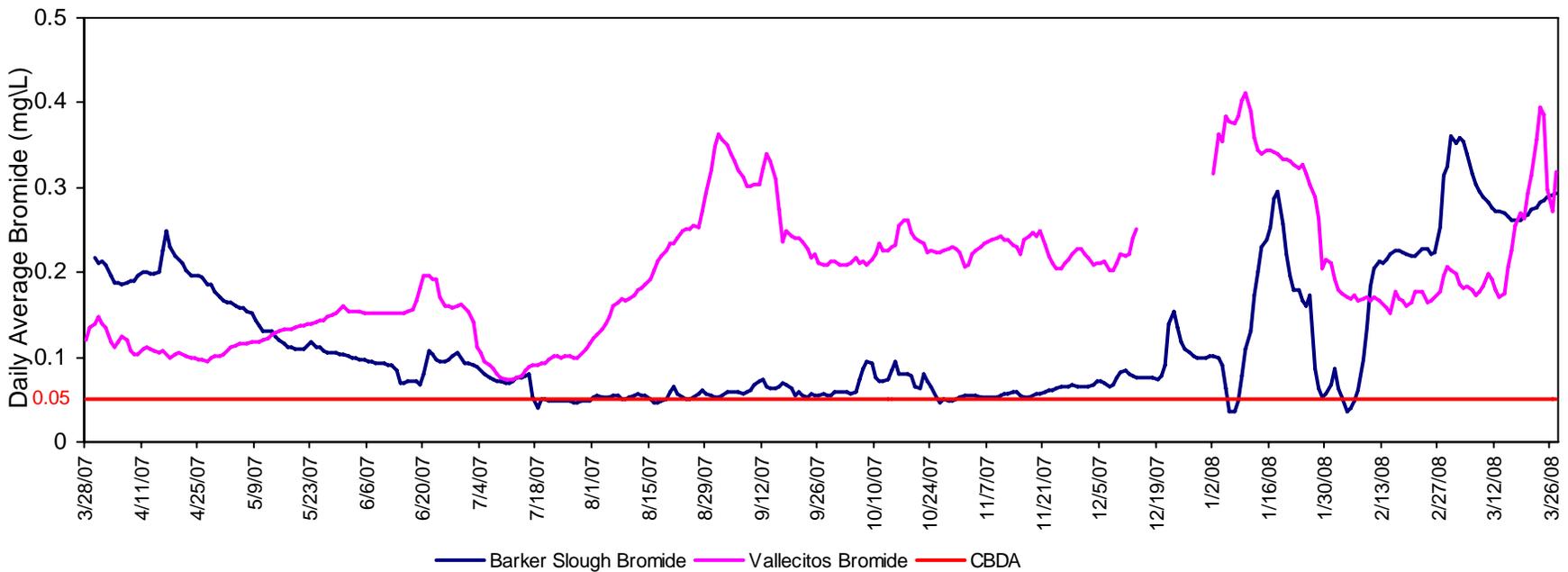
North and South Bay Aqueduct - Calculated Total Dissolved Solids



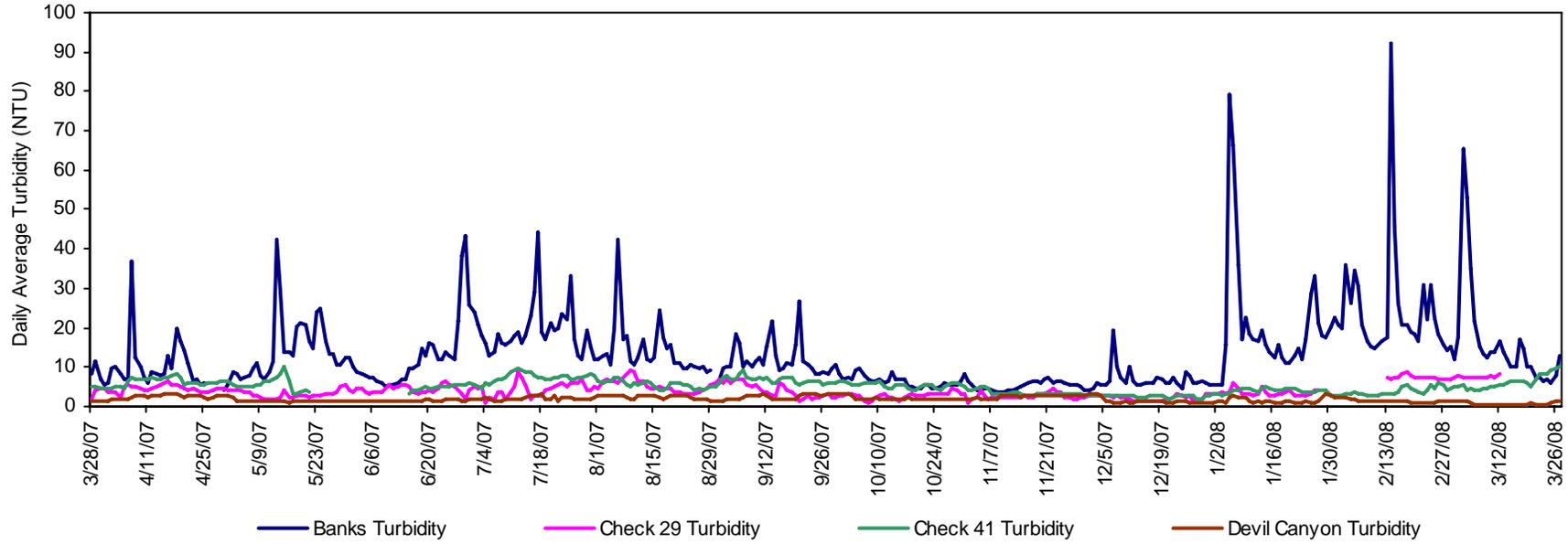
California Aqueduct - Calculated Bromide



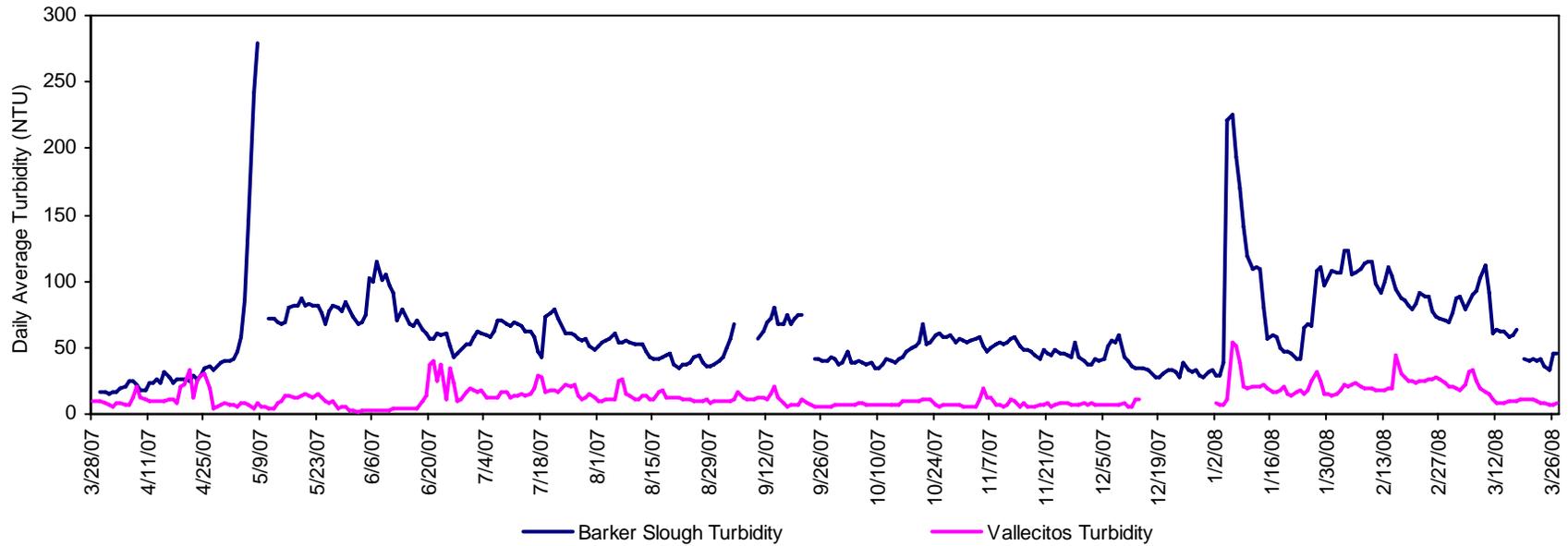
North and South Bay Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity



California Aqueduct Calculated Dissolved Organic Carbon

